Chip Beads (2506031217Y0)



Part Number: 2506031217Y0

MULTI-LAYER CHIP BEAD

Part Number System: Example 2512063017Y1

25	1206	301	7	Y Material		1 Current Code		
Chip	Package	Impedance	Packaging					
Bead	Size	Code	Code	Code	0	< 1.0A		
Code	Code	300 Ω	6= Bulk Packed	Y = Standard Signal Speed	1	≥ 1.0A	< 2.0A	
		7:	= Taped and Reeled 7" Reel	Z = High Signal Speed	3	> 3.0A	< 4.0A	
		8=	Taped and Reeled 13" Reel	H = GHz Speed	ETC			

Fair-Rite offers a broad selection of cost effective multi-layer chip beads to suppress conducted EMI signals. Chip beads can be used in an array of devices such as cellular phones, computers, laptops, pagers, etc. The small package sizes accommodate automated placements and allow for a dense packaging of circuit boards.

Chip Beads are available in standard, high and GHz signal speeds.

Recommended Soldering Profile

Packaging Options:

-All multi-layer chip beads are supplied taped and reeled, if required bulk packed chip beads can be provided.

The suggested land patterns are in accordance to the latest revision of IPC-7351.

Weight: 0.006 (g)

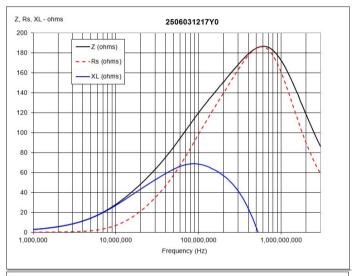
Package Size: 0603 (1608)

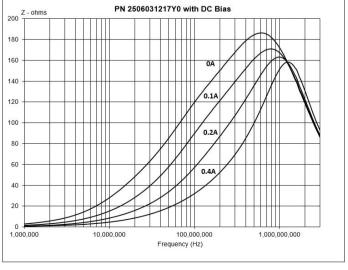
Dim	mm	mm tol	nominal inch	inch misc.
A	0.8	±0.15	0.031	
В	0.8	±0.15	0.031	
С	1.6	±0.15	0.063	
D	0.4	±0.20	0.016	

Land Patter	ns			Chart Logand
V	W	X	Y	Chart Legend + Test frequency
0.60	1.70	1.00	1.10	- Test frequency
(0.00	(0.0672)	(0.0202)	(0.0422)	

Typical Imp	edance (9
50 MHz	85
100 MHz ⁺	120 ±259
500 MHz	184
1000 MHz ⁺	-
Electrical Pr	operties
Max DCR (Ω)	0.15
Max Current (mA)	t 400

The impedance values listed are typical values. The nominal impedance with a +/- 25% tolerance is specified for the + marked 100 MHz. Chip beads are measured for impedance on the HP 4291A and fixture HP 16192A. Chip beads are 100% tested for impedance and dc resistance.





CSV Download

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